

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX038013.D
 Acq On : 30 Sep 2023 18:45
 Operator : JC/MD
 Sample : 04639-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1036

Quant Time: Oct 02 02:17:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

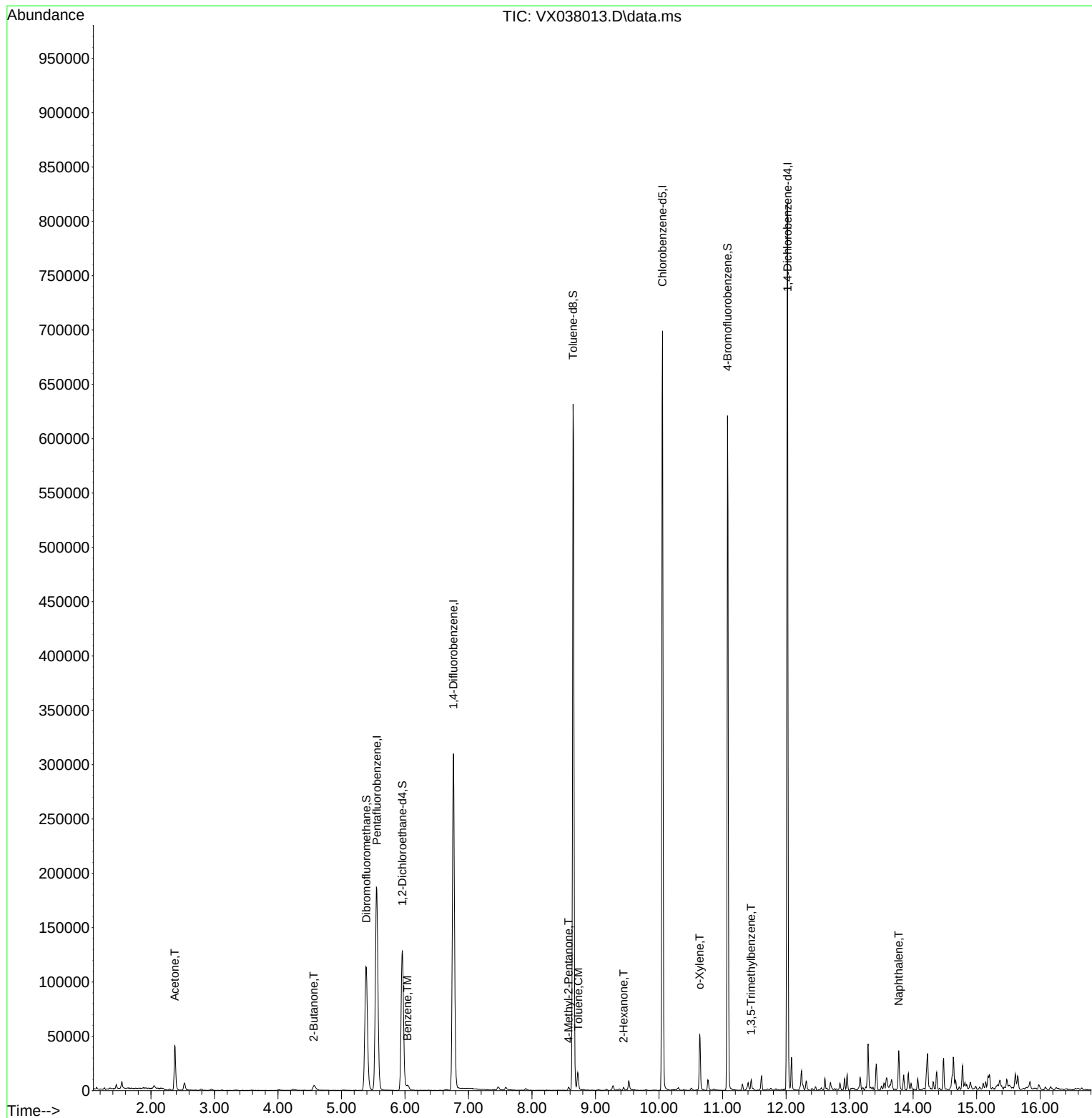
Internal Standards						
1) Pentafluorobenzene	5.556	168	171615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	304881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125097	55.481	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.960%
35) Dibromofluoromethane	5.391	113	97265	47.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	8.647	98	372951	49.203	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.400%
62) 4-Bromofluorobenzene	11.079	95	150053	54.479	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.960%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	43893	40.466	ug/l	95
25) 2-Butanone	4.562	43	8285	5.413	ug/l #	89
40) Benzene	6.038	78	5200	0.602	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	2011	0.642	ug/l	90
52) Toluene	8.726	92	5603	1.006	ug/l	91
59) 2-Hexanone	9.439	43	1563	0.640	ug/l	88
69) o-Xylene	10.640	106	11201	2.563	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4188	0.413	ug/l	93
95) Naphthalene	13.774	128	23165	2.054	ug/l	100

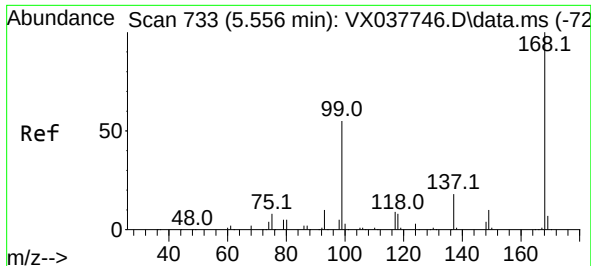
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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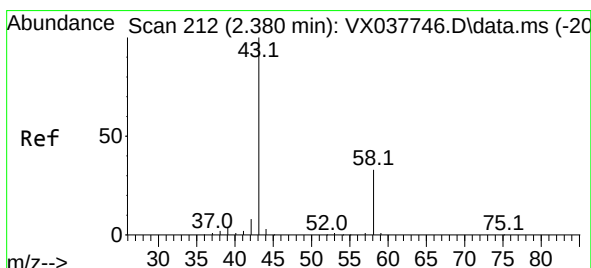
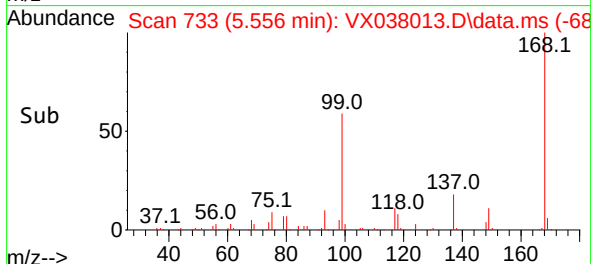
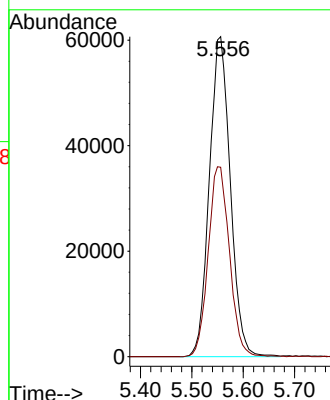
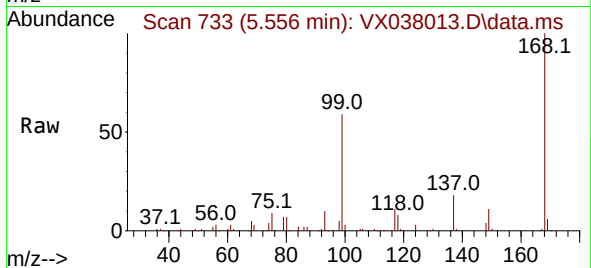




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038013.D
Acq: 30 Sep 2023 18:45

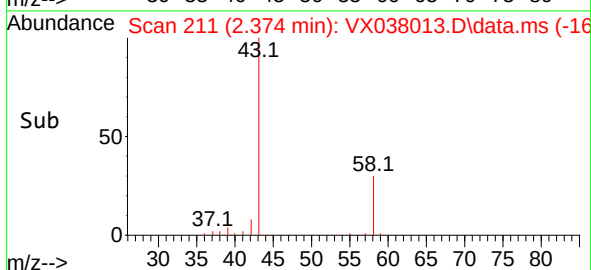
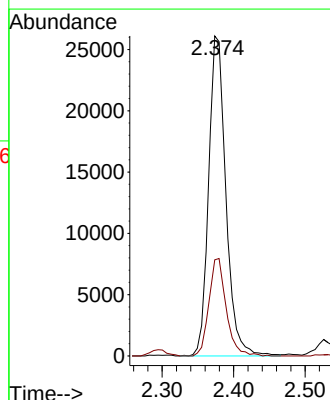
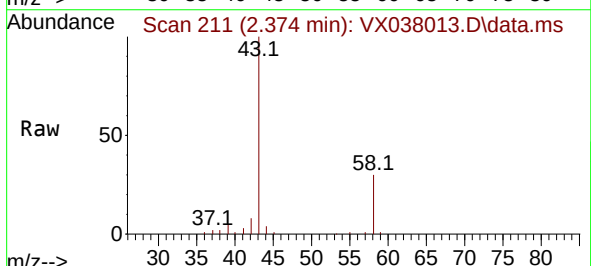
Instrument :
MSVOA_X
ClientSampleId :
1036

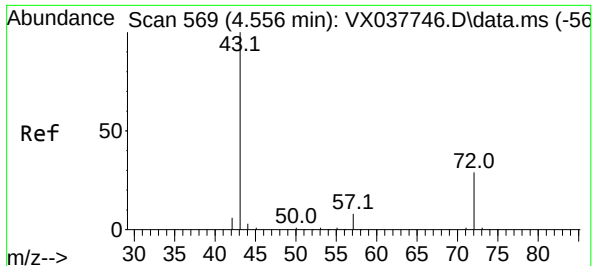
Tgt Ion:168 Resp: 171615
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#16
Acetone
Concen: 40.466 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038013.D
Acq: 30 Sep 2023 18:45

Tgt Ion: 43 Resp: 43893
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





#25

2-Butanone

Concen: 5.413 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038013.D

Acq: 30 Sep 2023 18:45

Instrument :

MSVOA_X

ClientSampleId :

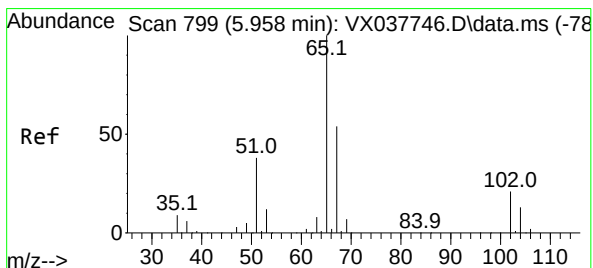
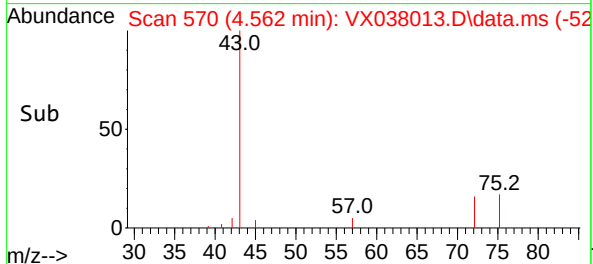
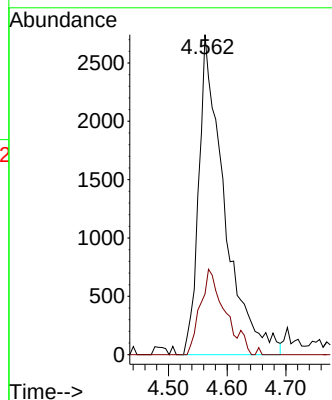
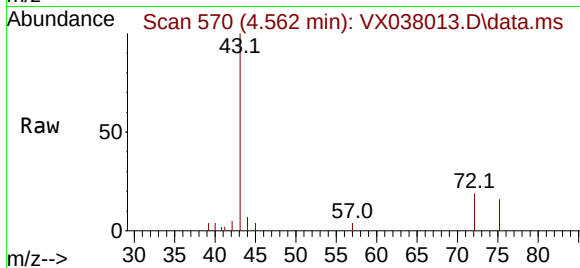
1036

Tgt Ion: 43 Resp: 8285

Ion Ratio Lower Upper

43 100

72 19.0 19.4 29.2#



#33

1,2-Dichloroethane-d4

Concen: 55.481 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038013.D

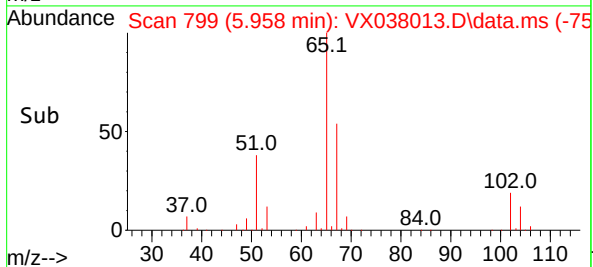
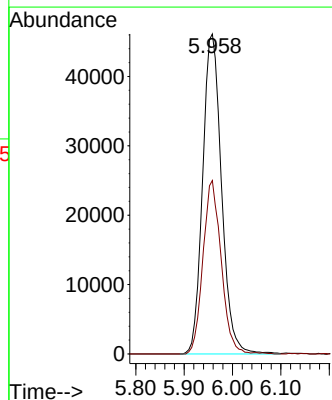
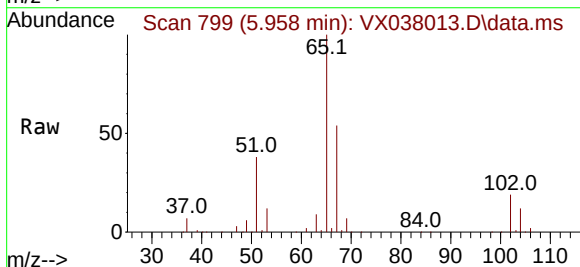
Acq: 30 Sep 2023 18:45

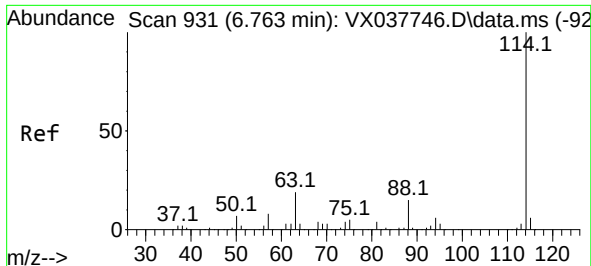
Tgt Ion: 65 Resp: 125097

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.2

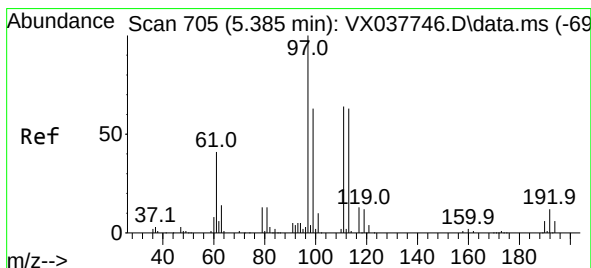
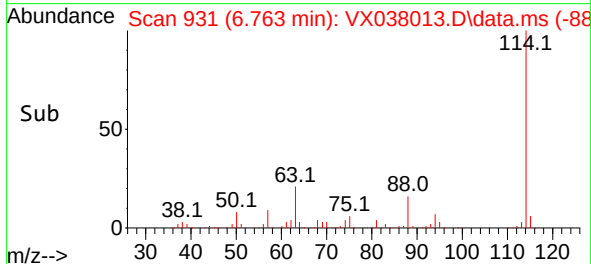
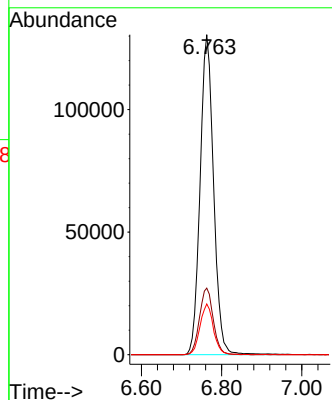
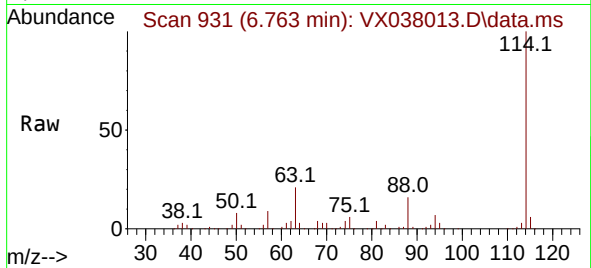




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038013.D
Acq: 30 Sep 2023 18:45

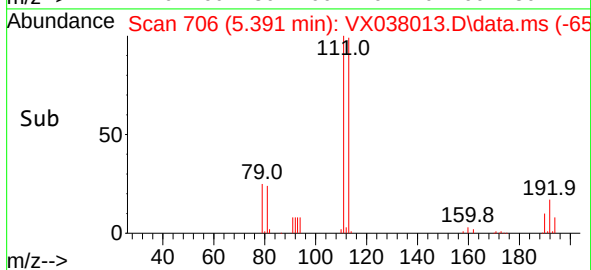
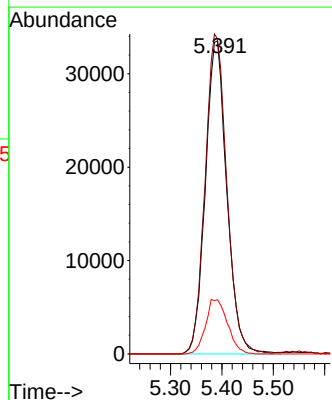
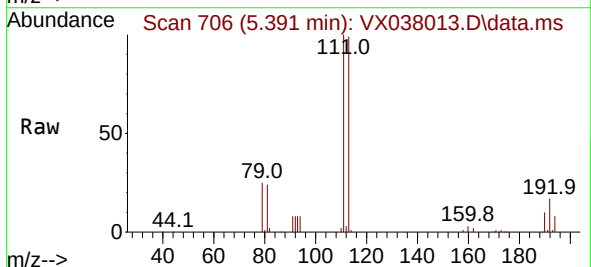
Instrument :
MSVOA_X
ClientSampleId :
1036

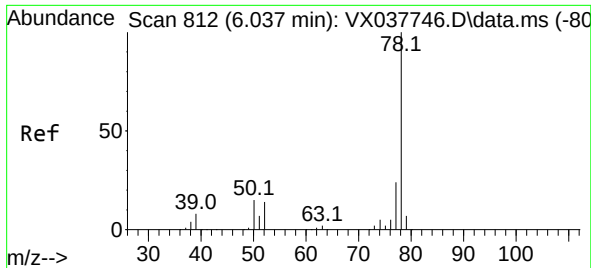
Tgt Ion:114 Resp: 304881
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.680 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038013.D
Acq: 30 Sep 2023 18:45

Tgt Ion:113 Resp: 97265
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 17.8 13.3 19.9

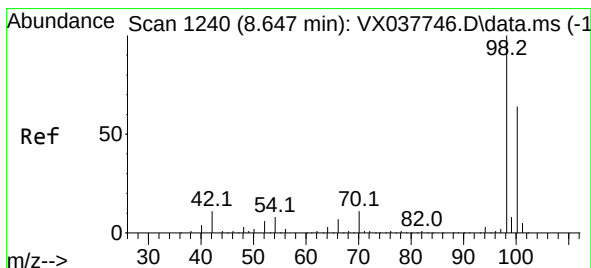
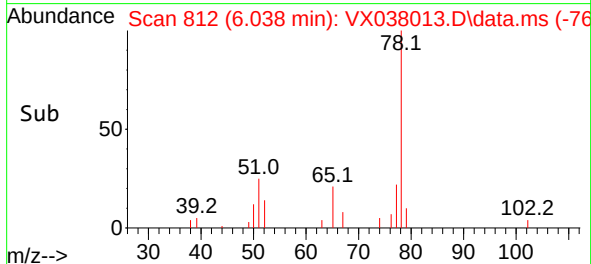
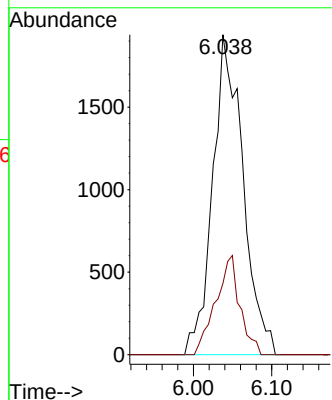
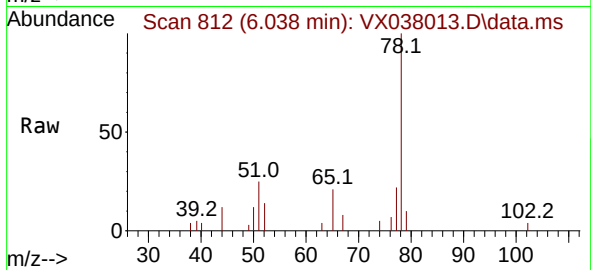




#40
Benzene
Concen: 0.602 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX038013.D
Acq: 30 Sep 2023 18:45

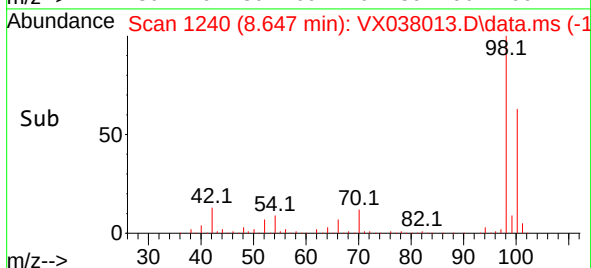
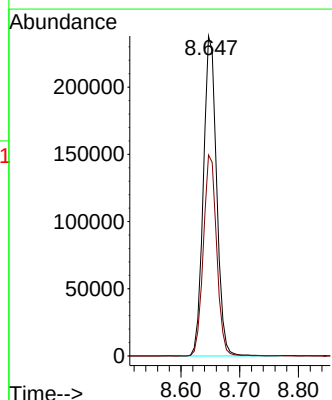
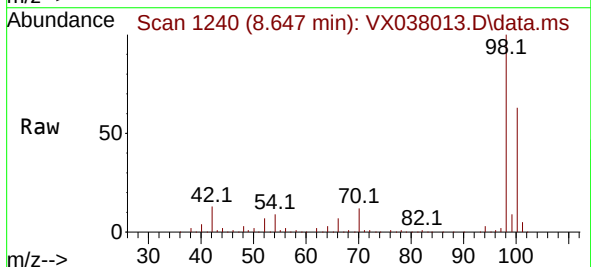
Instrument :
MSVOA_X
ClientSampleId :
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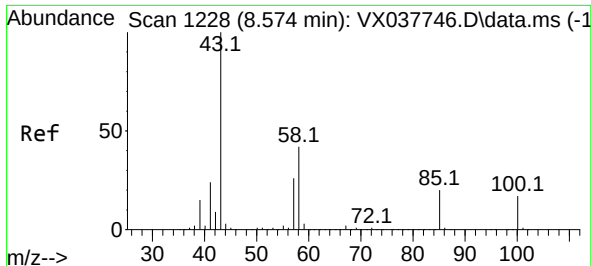
Tgt Ion: 78 Resp: 5200
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9



#50
Toluene-d8
Concen: 49.203 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038013.D
Acq: 30 Sep 2023 18:45

Tgt Ion: 98 Resp: 372951
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

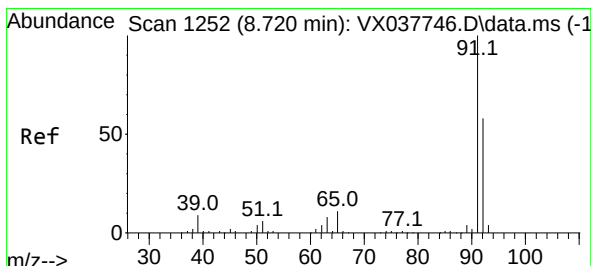
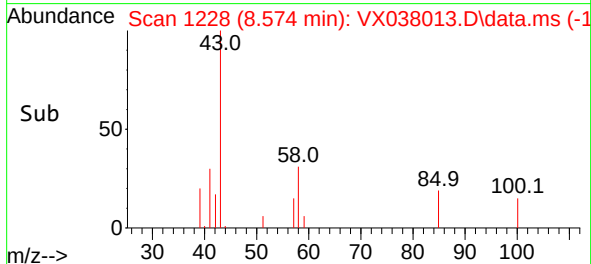
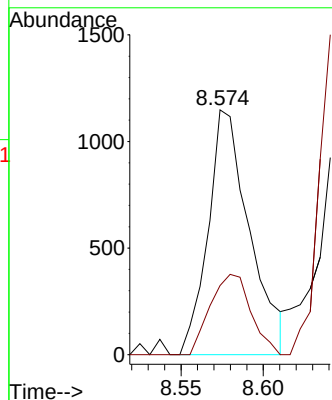
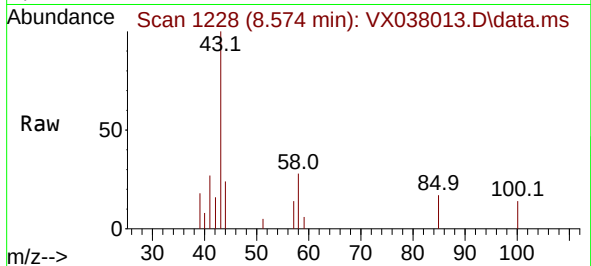




#51
4-Methyl-2-Pentanone
Concen: 0.642 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038013.D
Acq: 30 Sep 2023 18:45

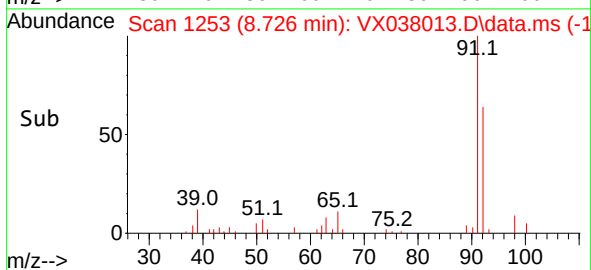
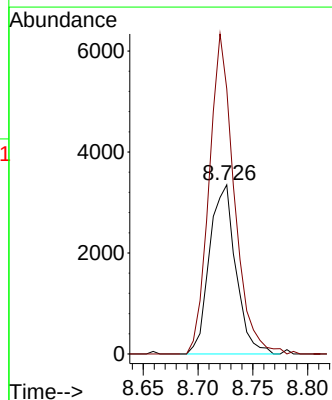
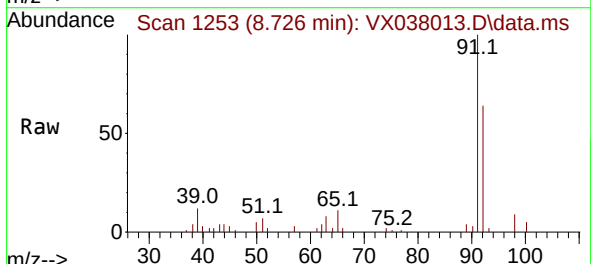
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ClientSampleId :
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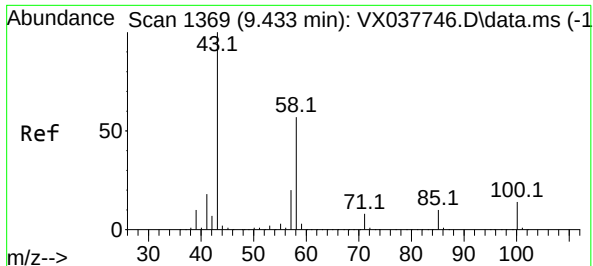
Tgt Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
58 32.2 30.4 45.6



#52
Toluene
Concen: 1.006 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX038013.D
Acq: 30 Sep 2023 18:45

Tgt Ion: 92 Resp: 5603
Ion Ratio Lower Upper
92 100
91 179.9 134.2 201.2





#59

2-Hexanone

Concen: 0.640 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038013.D

Acq: 30 Sep 2023 18:45

Instrument :

MSVOA_X

ClientSampleId :

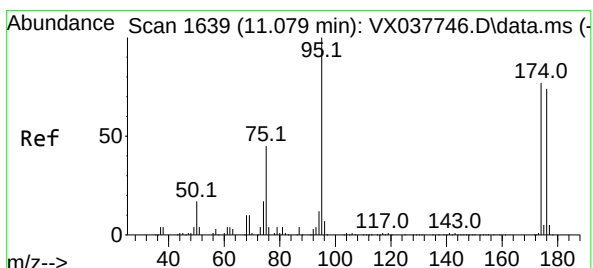
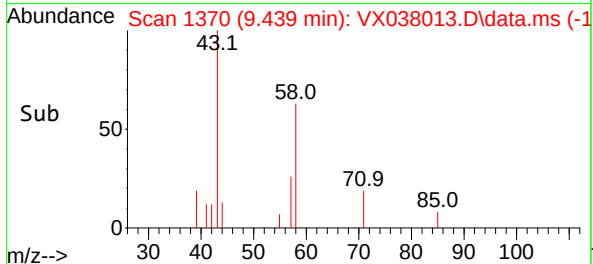
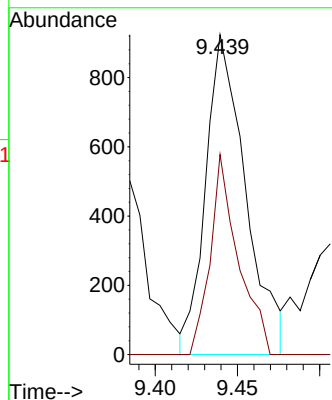
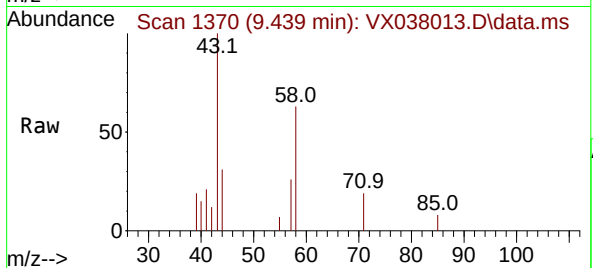
1036

Tgt Ion: 43 Resp: 1563

Ion Ratio Lower Upper

43 100

58 43.9 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 54.479 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038013.D

Acq: 30 Sep 2023 18:45

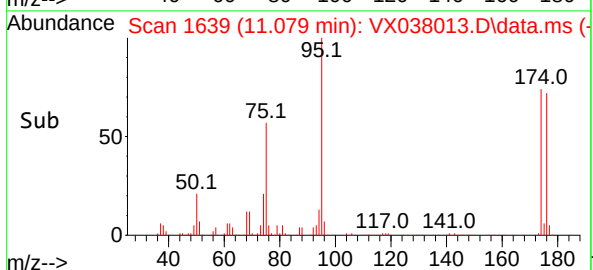
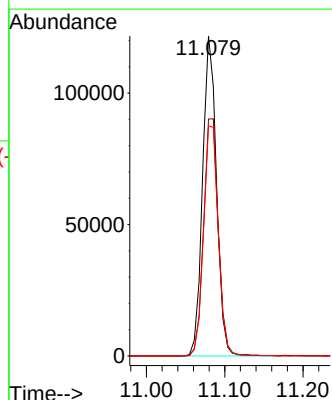
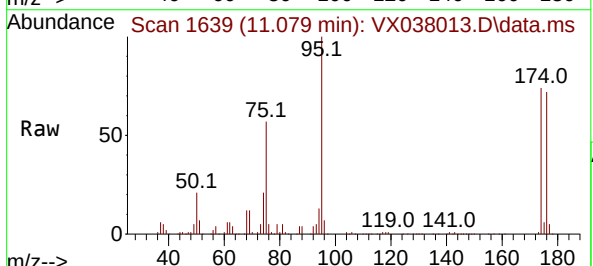
Tgt Ion: 95 Resp: 150053

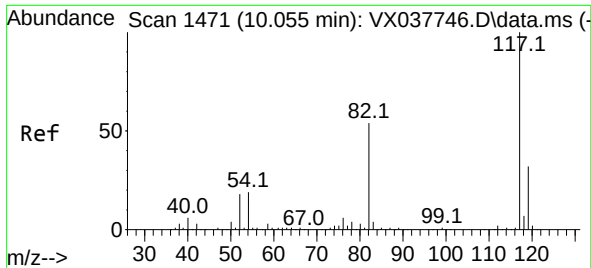
Ion Ratio Lower Upper

95 100

174 78.6 0.0 135.6

176 76.2 0.0 131.0

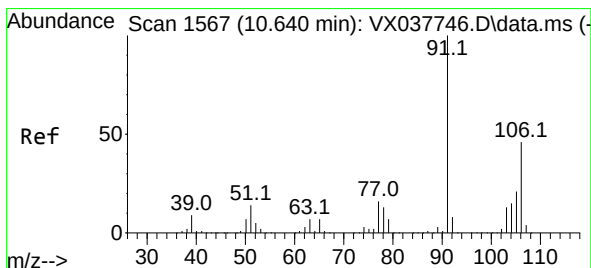
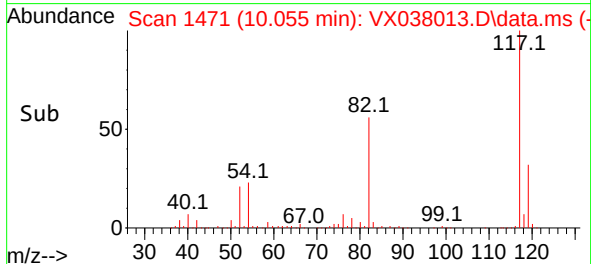
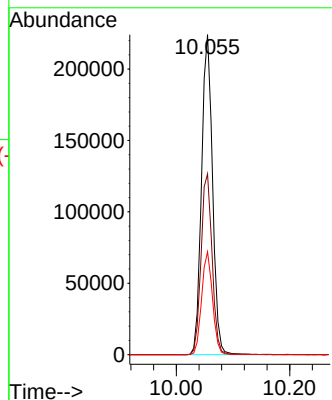
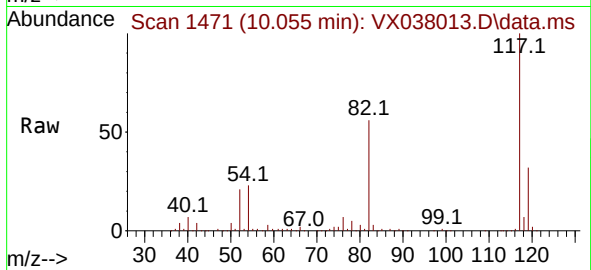




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038013.D
Acq: 30 Sep 2023 18:45

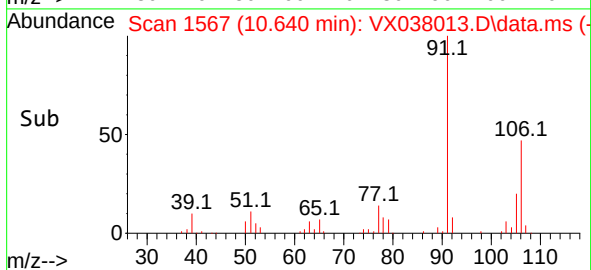
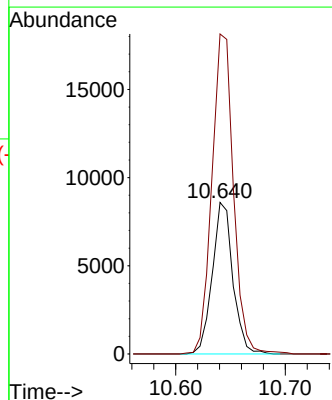
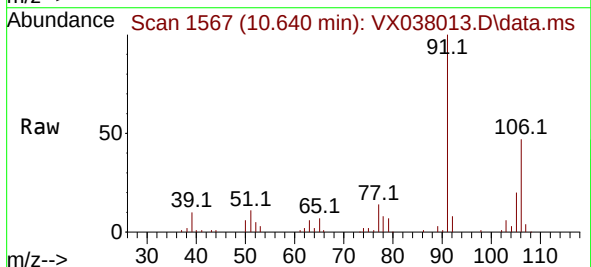
Instrument :
MSVOA_X
ClientSampleId :
1036

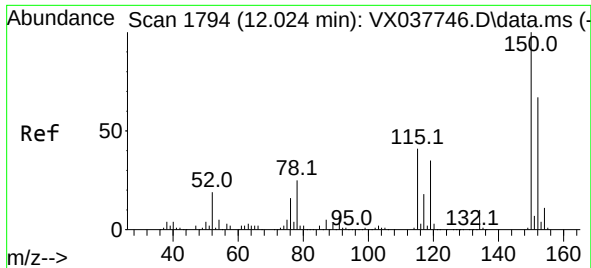
Tgt Ion:117 Resp: 301630
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.2 25.5 38.3



#69
o-Xylene
Concen: 2.563 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX038013.D
Acq: 30 Sep 2023 18:45

Tgt Ion:106 Resp: 11201
Ion Ratio Lower Upper
106 100
91 221.6 108.9 326.8

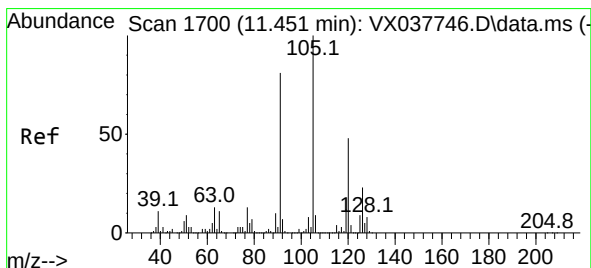
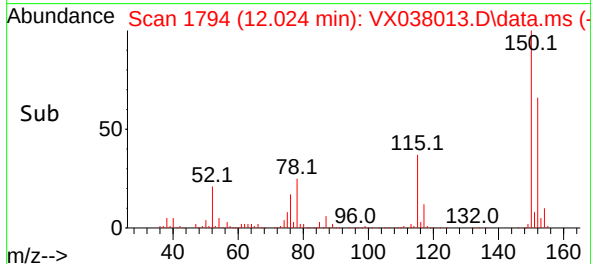
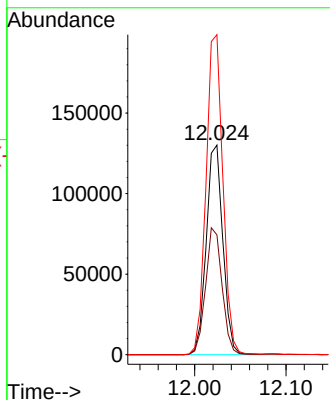
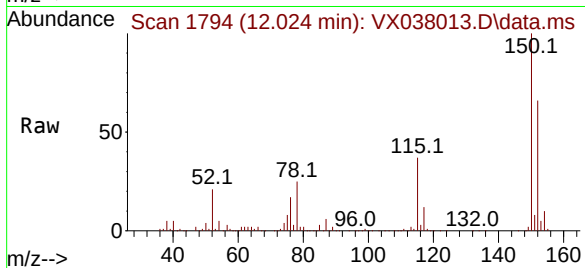




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038013.D
 Acq: 30 Sep 2023 18:45

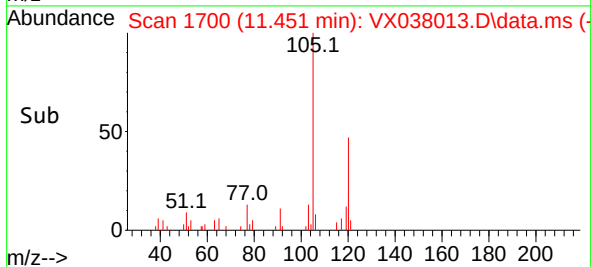
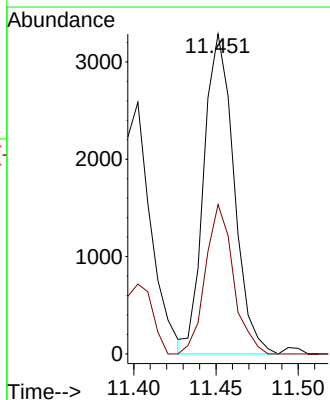
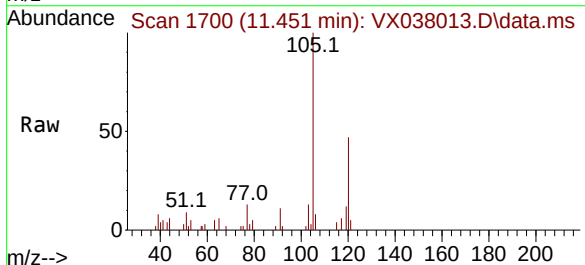
Instrument :
 MSVOA_X
 ClientSampleId :
 1036

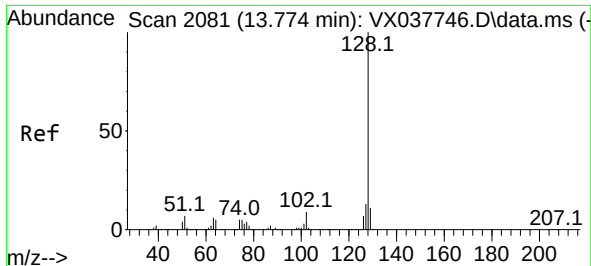
Tgt Ion:152 Resp: 163802
 Ion Ratio Lower Upper
 152 100
 115 60.3 43.3 129.9
 150 155.0 0.0 345.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.413 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX038013.D
 Acq: 30 Sep 2023 18:45

Tgt Ion:105 Resp: 4188
 Ion Ratio Lower Upper
 105 100
 120 43.1 24.1 72.3





#95

Naphthalene

Concen: 2.054 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX038013.D

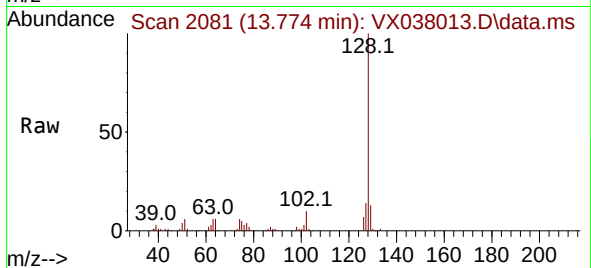
Acq: 30 Sep 2023 18:45

Instrument :

MSVOA_X

ClientSampleId :

1036



Tgt Ion:128 Resp: 23165

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.8 13.2

